

IN THE CLAIMS:

Please **AMEND** claims 18 and 19 in accordance with the following:

*Please Do
Not Enter
LC 7/18/06*

1. (PREVIOUSLY PRESENTED) An apparatus for forming a first state and a second state alternatively and sequentially on an optical recording medium in response to input data having a first level and a second level, respectively, in an optical recording apparatus, comprising:

a recording waveform generating unit generating a recording waveform which includes a first multi-pulse having a plurality of first pulses corresponding to the first level of the input data and a second multi-pulse having a plurality of second pulses corresponding to the second level of the input data,

wherein a leading one of the second pulses is set to a low level and a power level of a pulse between an end of the second multi-pulse and a first one of the first pulses of the first multi-pulse is set to a high level.

2. (ORIGINAL) The apparatus of claim 1, further comprising:

a pickup unit generating light to form the first state and the second state on the optical recording medium in accordance with the first multi-pulse and the second multi-pulse of the recording waveform generated from the recording waveform generating unit.

3. (ORIGINAL) The apparatus of claim 2, wherein the pickup unit comprises:

a laser device generating the light varying in accordance with the first pulses of the first multi-pulse and the second pulses of the second multi-pulse to form the first state and the second state on the optical recording medium.

4. (ORIGINAL) The apparatus of claim 3, wherein the laser device has a voltage to generate the light, and the voltage varies according to the first pulses during forming the first state and in accordance with the second pulses during forming the second state.

5. (ORIGINAL) The apparatus of claim 3, wherein the voltage is not a DC voltage.

6. (ORIGINAL) The apparatus of claim 1, wherein the input data comprises NRZI data having a high potential and a low potential each representing one of the first level and the